

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

09737042

Michael J. Simitoski

Michael.Simitoski@uspto.gov

(703) 305-8191

Google

xedia qvpn qos
encrypt packets priority
encrypt packets based on priority
qos ipsec
cisco pre-classify
cisco ipsec (pre-classify OR preclassify OR "pre classify")
(pq OR "priority queuing") encryption cisco "pre-classify"
(encryption OR IPSEC OR VPN) (qos OR priority)
"priority based encryption"
"priority based security"
qos ipsec decrypt priority

ACM

+ipsec +qos +priority

IEEE

ipsec <and> qos <and> priority

Other

Search tool

<http://www.rfc-editor.org/cgi-bin/rfcsearch.pl>

Search Terms

qos

Applications/Patents from Inventor Search

10/142,608

09/594,517

09/935,395

L Number	Hits	Search Text	DB	Time stamp
-	4080	@ad<20001214 and (qos)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:43
-	752	@ad<20001214 and (qos same priority)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 10:44
-	43	@ad<20001214 and (qos same priority) and ipsec	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 11:21
-	1	("20020078341").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 11:11
-	7	@ad<20001214 and (qos same priority same low?? same high??) and ipsec	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 11:22
-	91	@ad<20001214 and (qos same priority same low?? same high??)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 11:23
-	16	@ad<20001214 and (qos same priority same low?? same ((before first) with high??))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 12:47
-	0	(proficient and networks).as. and qos and security	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 13:23
-	0	(proficient).as. and qos and security	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 13:23
-	43	cisco.as. and qos and security	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 13:23
-	8	(cisco.as. and qos and security) and (ipsec encrypt\$3)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 15:00
-	1	20020049900.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 15:01
-	1	6065117.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 15:05
-	1	xedia.as.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 15:05
-	13	xedia	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/06/30 15:16
-	2	qvpn	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/01 06:52
-	0	webfeat	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/01 06:57

-	0	web?feat\$	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/01 07:04
-	0	"authentication manager" and "multiple passwords"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/01 07:04
-	114	"authentication manager"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/01 07:04
-	14	"credential manager"	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/01 07:04
-	122	Cavium	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:43
-	6	Cavium.as.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:43
-	0	Cavium.as. and service	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:43
-	43	Cavium and priority	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:44
-	12	Cavium and service	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:44
-	1	Cavium and qos	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:49
-	1007	(priority with (security))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:49
-	1223	(priority with ((security ??crypt\$3)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:49
-	48	(priority with ((security ??crypt\$3) near2 process\$3))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:50
-	21	(priority with ((security ??crypt\$3) near2 process\$3)) and packet	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:56
-	9	(priority with ((security ??crypt\$3) near2 process\$3)) same packet	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 09:59
-	182	@ad<20001214 and ((service adj level adj agreement) and priority)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 10:00
-	111	@ad<20001214 and ((service adj level adj agreement) and priority and (??crypt\$3 ipsec vpn tunnel\$4))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 10:01
-	24	@ad<20001214 and ((service adj level adj agreement) and priority and (??crypt\$3 ipsec vpn tunnel\$4) same priorit\$9)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 10:18

-	ABS + KWC	26	@ad<20001214 and ((service adj level adj agreement) and (??crypt\$3 ipsec vpn tunnel\$4) same priorit\$9)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 10:01
-		538	@ad<20001214 and (??crypt\$3 ipsec vpn tunnel\$4) same priorit\$9)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 10:19
-		102	@ad<20001214 and (??crypt\$3 ipsec vpn tunnel\$4) same based same priorit\$9)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 10:19
-	ABS + KWC	55	@ad<20001214 and (??crypt\$3 ipsec vpn tunnel\$4) same based same priorit\$9 same (stream packet flow))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 11:06
-		157	@ad<20001214 and (??crypt\$9 with (qos priority)))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 13:10
-	ABS + KWC	24	queue\$3 with (before) with ??crypt\$9	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 13:14
-		1	6687700.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 14:25
-		342	(encrypt\$3 with (priority QOS))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 14:25
-		1	5892899.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 14:27
-		40	(encrypt\$3 with (priority QOS) with high\$3)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 14:30
-		3	(encrypt\$3 with (priority QOS) with high\$3) same packet	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/07 14:38
-	ABS + KWC	40	(encrypt\$3 with (priority QOS) with high\$3)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 06:53
-		19	"9129"	EPO; JPO; DERWENT; IBM_TDB	2004/07/07 14:45
-		1	("20020181709").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 10:05
-		4	(encrypt\$3 with (priority QOS) with high\$3 with first)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 07:13
-		872	(check\$3 scan\$4) with priority with higher	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 07:46
-	ABS + KWC	5	continually with (check\$3 scan\$4) with priority with higher	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 08:40
-		3050	(interrupt\$3 suspend\$3 defer\$6) with higher with priority	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 08:41

-	105	@ad<20001214 and ((interrupt\$3 suspend\$3 defer\$6) with higher with priority) same packet	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 08:41
-	87	@ad<20001214 and ((interrupt\$3) with higher with priority) same packet	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 09:54
-	3	HIRANO-YOSHITAKA.in. and WATABE-NAOYA.in. and KOBAYASHI-MASAYUKI.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 08:44
-	1	("6687700").PN. and priorit\$3	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 09:55
-	1	("20020078341").PN.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/08 10:05

bits scanned


[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)

(pq OR "priority queuing") encryption cisco

Search

[Advanced Search](#)
[Preferences](#)
Web Results 1 - 7 of about 27 for (pq OR "priority queuing") encryption cisco "pre-classify". (0.41 seconds

Cisco - Reference Guide to Implementing Crypto and QoS

... **Cisco's** legacy **priority queuing** feature, which uses the ... are resolved issues with hardware **encryption** and QoS ... traffic policing through the **Cisco** legacy committed ...

www.cisco.com/warp/public/105/crypto_qos.html - 58k -

[Cached](#) - [Similar pages](#)

Sponsored Links

Encryption Papers

Free White Papers and Articles

No registration required

www.SecurityDocs.com

[See your message here...](#)

Re: VoIP over IPsec

... in their unencrypted state and, more importantly, adds **PQ** capability to the **encryption** stage. For more information: <http://www.cisco.com/univercd/cc/td/doc> ...

www.merit.edu/mail.archives/nanog/2003-02/msg00355.html - 11k - [Cached](#) - [Similar pages](#)

[PDF] Microsoft PowerPoint - v3pn.ppt

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Conclusion: **priority queuing** and load ... performance limits of devices • Use hardware **encryption** • Use QoS ... are bad enough!) • Use a **Cisco** Powered Network ...

www.netcraftsmen.net/welcher/seminars/v3pn.pdf - [Similar pages](#)

[PP7] cisco security overview

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... 7200 for hybrid private WAN + VPN connectivity. © 2002, **Cisco** Systems, Inc. All rights reserved. Emarin_FT. VPN Router Hardware **Encryption** Accelerators. ...

www.ceenet.org/workshops/lectures2002/Eric_Martin/emarin_security_silkbudapest.ppt -

[Similar pages](#)

[PDF] IPsec VPNs

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Secret Key Secret Key &^\$!@#!:{Q Clear Text Clear Text Decryption **Encryption** 11 11 11 © 20 2, **Cisco** Systems, Inc. All rights reserved. ...

www-users.itlabs.umn.edu/classes/Fall-2003/csci8211/Readings/cisco-vpn-tutorial.pdf -

[Similar pages](#)

[PDF] Deploying IPsec with QoS

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... on QoS WFQ: one queue per conversation **PQ/CQ**: 4 ... Switching IPsec **encryption**

IPsec IPsec **encryption encryption** WFQ classification ... 21 © 2002, **Cisco** Systems, Inc.

... cnscenter.future.co.kr/resource/rsc-center/presentation/cisco/networkers02-Copenhagen/SEC-303_Eric_Vyncke.pdf - [Similar pages](#)

[PDF] Voice and Video Enabled IPsec VPN (V PN) Solution Reference ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Interfaces 6-16 Combined WAN and IPsec/IP GRE Router Configuration—**Cisco** 7200 HDLC ... 6-21 Apply Crypto Map to Interfaces 6-22 Configuring QoS **Pre-Classify** 6-23 ...

www.okena.com/application/pdf/en/us/guest/netsol/ns241/c649/ccmigration_09186a0080146c8e.pdf -

[Similar pages](#)

(pq OR "priority queuing") encryp

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Search

Yellow Pages

White Pages

☒ Web Pages
 ☐ Photos
 ☐ News

Search

 Advanced Search
 Preferences
 Tools & Tips

☐ Exact Phrase

Now Searching: Google · Yahoo · Ask Jeeves · About · Overture · Teoma · Learn More

Web search results for "cisco ipsec (pre-classify OR preclassify OR 'pre classify') (1 - 18 of 18)"

▼ Refine Your Results

 - "cisco ipsec (pre-classify
 OR preclassify OR 'pre
 classify')"
 Mode
 Learning
 Mailing list archive
 Control
 Classify packets

 Did you mean: cisco ipsec (pre-classify or reclassify or "pre classify")?

1. 13.0 - Using IPSec
 ... MacroShaft | SiliconInc | Cisco Stuff ... OpenBSD uses to classify different SAs ... **IPSec** ne
 establish a connection where they exchange authentication (Either a X509 certificate **or** a **pre**
<http://www.antioffline.com/ipsec/openbsdipsec.html>
2. Learning
 The combinatorics can be reduced by using domain-specific features to **pre-classify** subsets of
<http://hampshire.edu/~lasCCS/courses/Learning/Learning.html>
3. Mailing list archive ipsec-mail4
 From **ipsec-request@neptune.tis.com** Tue Mar 19 06:39:26 1996. X-Sender:
 t3125rm@pop3hub.is.chrysler.com. X-Mailer: Windows Eudora Pro Version 2.2 (32) Mime-Ver
 Content-Type: text/plain; charset="us-ascii"
<http://www.cs.arizona.edu/security/ipsec/ipsec-mail4.html>
4. Learning
 The combinatorics can be reduced by using domain-specific features to **pre-classify** subsets of
<http://hampshire.edu/lspector/courses/Learning-2000/Learning...>
5. HWA.hax0r.news #14 HTML/Text Version
 HWA.hax0r.news #14 HTML/Text Version. Our REDIRECTOR. Canc0n99 411 be there **or** be sq
 issue may cause strangeness in certain browsers. read in TEXT mode to see why. [
<http://www.packetstormsecurity.com/mag/hwahaxornews/HWA-hn14...>
6. Incentive Games for Neuro-Fuzzy Control
 A. Mete Cakmakci and Can Isik Electrical and Computer Engineering Syracuse University Syrac
 13244...
<http://www.computer.org/conferen/proceed/isuma95/ABSTRACT.HT...>
7. 2998
 Network Working Group Y. Bernet Request for Comments: 2998 P. ... Yavatkar Intel F. Baker
 Zhang UCLA M ... orientation of RSVP, Diffserv networks classify packets into one of a ... Furth
IPSEC encryption is used, the host may be ...
<http://www.ietf.org/rfc/rfc2998.txt>
8. 4. Conclusions
 In order to avoid natural language processing, we could used a semi-structured interface wher
 users **pre-classify** their utterances by using...
<http://tecfa.unige.ch/tecfa/publicat/jermann-papers/Kobbe/ko...>
9. USENIX ;login: - Summaries
 ... Include S/WAN, FreeSWAN, and **IPSec**. Similar work includes ... Josh Goldenhar, **Cisco** Sys
 Josh Goldenhar developed ... YaST is extensible with **pre-** and postinstall scripts, and ...
<http://www.usenix.org/events/lisa99/summaries>
10. Classification
 ...relationships between modalities, to learn long-term patterns of activities in those clusters, .
pre-classify objects for quick retrieval.
<http://www.ai.mit.edu/projects/vsam/Classification/index.htm...>
11. Utilising the Control and Functionality Enabled by Internet Based VPNs
 ... policy-based solutions to classify voice anddata traffic ... Manager, Consulting Engineer,
 Cisco13:00Lunch14:15 ... PROVIDERPre Conference Workshop:Security and the IP VPN - **IPS**
 and ...

http://www.tminet.net/pdf/IP_BASED_VPN_BROCHURE.PDF

12. \$\$\$

My suggestion is to use the search engines that **pre-classify** Web sites, so you can look down read a short description of each site.

<http://uwadmnweb.uwo.edu/relstds/columns/reli29.htm>

13. ROCKS, ROCKS AND MORE ROCKS: AN INTRODUCTION TO GEOLOGICAL

William Wordsworth, the acclaimed 19th century English poet, wrote, "Let nature be your teacher even without having studied Wordsworth..."

<http://www.kzoo.edu/sciencegrasp/rocks/rocks.html>

14. MECCANO Architecture

... Whereas RSVP asks routers to classify packets into classes to achieve a requested quality of service and destination addresses to classify the traffic; this means that routers ...

<http://www-mice.cs.ucl.ac.uk/multimedia/projects/meccano/arc...>

15. NETSYS.COM - The Intelligent Hacker's Choice! IPSEC Mailing List Archives

The Business of Unix, Internet, Security ☐ ... 35 -0400 (EDT) Cc: **ipsec@lists.tislabs.com**, ieti combined > > > > xauth/hybrid draft and classify it as experimental ... IKE users > > will f use **pre-shared** keys ...

<http://www.netsys.com/ipsec/1999/msg01327.html>

16. SourceMex - Economic News & Analysis on Mexico; April 1, 1998

SourceMex - Economic News & Analysis on Mexico...

<http://ssdc.ucsd.edu/news/smex/h98/smex.19980401.html>

17. ;;; -*- Mode:Common-Lisp; Package:PROTOS; Syntax:COMMON-LISP;

...but that information is not used by Protos in its normal ;;; attempts to classify the case itself case ends up ;;;

<http://www.cs.utexas.edu/ftp/pub/porter/defs.lisp>

18. ;;; -*- Mode: Lisp; Syntax: Common-lisp; Base: 10;

<http://www.cs.utexas.edu/ftp/pub/porter/kbio.lisp>

Web search results for "cisco ipsec (pre-classify OR preclassify OR "pre classify")" (1 - 18 of 18)

Web Search

Yellow Pages

White Pages

☒ Web Pages ☐ Photos ☐ News

cisco ipsec (pre-classify OR preclassify OR "pre classify")

Search

☐ Exact Phrase

Advanced Search
Preferences
Tools & Tips

[Make WebCrawler Your Homepage](#) | [Submit Your Site](#) | [Tell a Friend](#) | [About Results](#) | [Contact Us](#)

© 2004 InfoSpace Inc. All Rights Reserved